

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	New Application
Filing Date	Concurrently
First Named Inventor	Atsushi ITO
Group Art Unit	2821
Examiner Name	JIMMY VU
Attorney Docket Number	1596-186

Sheet 1 of 1

JP 09/986731
11/09/81

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
JV	AA	3662214		Lustig	05/09/1972
I	AB	3668689		Drage	06/06/1972
JV	AC	6094183		Tanamachi et al.	07/25/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
JV	AD	JP	3160488		Tosoh Corporation	07/10/1991	
I	AE	JP	5857189		Fujitsu Co., Ltd.	04/05/1983	
	AF	JP	955166		Nippon Electric Co. Corp.	02/25/1997	
	AG	JP	359928		Matsushita Electric Ind. Co., Ltd.	03/14/1991	
	AH	JP	447639		NEC Corp.	02/17/1992	
	AI	JP	4621484			07/24/1971	
	AJ	JP	4274141		Fujitsu Ltd.	09/30/1992	
	AK	JP	1131598		Yokogawa Electric. Corp.	05/24/1989	
	AL	JP	2219093		Fujitsu General Ltd.	08/31/1990	
	AM	JP	832904		Fujitsu General Ltd.	02/02/1996	
	AN	JP	7319423		NEC Corp.	12/08/1995	
JV	AO	JP	7295506		NEC Corp.	11/10/1995	

Examiner Signature

[Signature]

Date Considered

12/15/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.